

## **Acknowledgements**

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# HIGHLIGHTS

## ***Shigellosis***

Shigellosis was the most frequently reported gastrointestinal disease in Davidson County from 1990 through 1997 with an average of 68 cases per year.

## ***Escherichia coli 0157:H7***

*Escherichia coli* 0157:H7 (*E. coli*) became a notifiable disease in Tennessee in 1996. *E. coli* came to national attention as a cause of illness in 1982 after several people became ill as a result of eating hamburgers contaminated with this bacteria. Three cases of *Escherichia coli* 0157:H7 were reported in Davidson County in both 1996 and 1997.

## ***Hepatitis B***

In 1997, when 182 cases were reported, Davidson County's rate of hepatitis B per 100,000 population was three times as high as the rate for the state of Tennessee.

## ***Tuberculosis***

After three years of continuous decline in reported cases, 91 cases of tuberculosis were reported in Davidson County in 1997, up from 70 cases in 1996.

Persons with certain risk factors were significantly impacted by tuberculosis (TB) in 1997 in Davidson County:

22% of the persons diagnosed with TB were homeless.

24% of the persons diagnosed with TB were non-intravenous drug users.

32% of the persons diagnosed with TB used alcohol to excess.

## ***Rocky Mountain Spotted Fever***

Of the four major metropolitan counties in Tennessee (Shelby, Davidson, Knox, and Hamilton), Davidson ranked first in reported cases of Rocky Mountain Spotted Fever (4 cases) and malaria (7 cases) in 1997.

## ***Pertussis***

Pertussis (whooping cough) was the most frequently reported vaccine-preventable disease in Davidson County from 1990 through 1997, followed by mumps.

## ***Vancomycin-resistant Enterococci***

In 1997, Davidson County reported 16 cases of Vancomycin-resistant enterococci accounting for 42% of all cases (38) reported to the Tennessee Department of Health.

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